

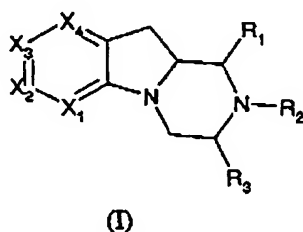
**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

What is claimed is:

1. (Currently amended) A chemical compound of formula (I):



wherein:

R<sub>1</sub> to R<sub>3</sub> are independently selected from hydrogen and lower alkyl;

X<sub>1</sub> is ~~selected from N and C-R<sub>4</sub>~~;

X<sub>2</sub> is ~~selected from N and C-R<sub>5</sub>~~;

X<sub>3</sub> is ~~selected from N and C-R<sub>6</sub>~~;

X<sub>4</sub> is ~~selected from N and C-R<sub>7</sub>~~

R<sub>4</sub>, R<sub>5</sub> and R<sub>7</sub> are independently selected from hydrogen, halogen, hydroxy, alkyl, haloalkyl, aryl, alkoxy, aryloxy, alkoyl, aryloyl, alkylthio, arylthio, alkylsulfoxyl, arylsulfoxyl, alkylsulfonyl, arylsulfonyl, amino, alkylamino, dialkylamino, nitro, cyano, carboalkoxy, carboaryloxy and carboxy; and

R<sub>6</sub> is selected from hydrogen, halogen, alkyl, haloalkyl, aryl, aryloxy, alkylthio, arylthio, alkylsulfoxyl, arylsulfoxyl, alkylsulfonyl, arylsulfonyl, amino, alkylamino, dialkylamino and cyano;

wherein either at least one of R<sub>5</sub> and R<sub>6</sub> is selected from chlorine, fluorine, haloalkyl and bromine, or R<sub>5</sub> is selected from halogen, haloalkyl and alkylthio, and a pharmaceutically acceptable salt ~~salts and addition compounds~~ thereof.

2. (Original) A compound according to claim 1 wherein R<sub>1</sub> is selected from hydrogen and methyl.
3. (Original) A compound according to claim 1 wherein R<sub>2</sub> is hydrogen.
4. (Original) A compound according to claim 1 wherein R<sub>3</sub> is selected from hydrogen and methyl.
- 5 – 8. (Canceled)
9. (Original) A compound according to claim 1 wherein two of R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> and R<sub>7</sub> are hydrogen.
10. (Original) A compound according to claim 9 wherein R<sub>4</sub> and R<sub>6</sub> are hydrogen.
11. (Original) A compound according to claim 1 wherein two of R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> and R<sub>7</sub> are independently selected from hydrogen, chlorine, fluorine, trifluoromethyl and bromine.
12. (Original) A compound according to claim 1 wherein three of R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> and R<sub>7</sub> are hydrogen.
13. (Original) A compound according to claim 1 wherein R<sub>4</sub>, R<sub>6</sub> and R<sub>7</sub> are hydrogen.
14. (Original) A compound according to claim 1 wherein R<sub>4</sub> is hydrogen.
15. (Original) A compound according to claim 1 wherein R<sub>5</sub> is halogen.
16. (Original) A compound according to claim 1 wherein R<sub>6</sub> is hydrogen.
17. (Original) A compound according to claim 1 wherein R<sub>7</sub> is halogen.
18. (Original) A compound according to claim 1 which is selected from:  
(*RS*) 7-chloro-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,  
(*RS*) 7-chloro-8-methyl-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,  
(10a*R*) 7-chloro-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,  
(*RS*) 7-bromo-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,  
(3*S*, 10a*R*) 8-chloro-2-methyl-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole,  
(10a*R*) 8-chloro-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole, and  
(3*S*, 10a*R*) 8-chloro-2-methyl-1,2,3,4,10,10a-hexahydropyrazino[1,2-*a*]indole.